



Michigan Educational Assessment Program High School Tests

**Statewide Results
Spring 1999**

Released September 1999

SPRING 1999 MEAP HIGH SCHOOL TESTS SUMMARY OF STATEWIDE PUBLIC SCHOOL RESULTS

The results for the MEAP High School Tests are reported in four categories, which were determined by the State Board of Education in May 1998. They are as follows:

Level 1 Endorsed — Exceeded Michigan Standards
Level 2 Endorsed — Met Michigan Standards
Level 3 Endorsed — At Basic Level
Level 4 Not Endorsed

Students attaining performance at or above Level 3 in any of the four content areas will receive endorsements on their transcripts. The results in the following pages display the percent of 11th grade public school students in each of the four categories by subject, for both genders, and for each ethnic group.

This is the second year of the revised reporting categories and shortened tests. These results should not be compared to results from the High School Proficiency Tests, administered prior to Spring 1998.

In mathematics, 22.6 percent of the students earned endorsements which indicated they exceeded Michigan standards, while 41.0 percent met Michigan standards (but did not exceed them), and another 17.4 percent were endorsed at the basic level. The remaining 18.9 percent were not endorsed. Compared to 1998, more students achieved at all three levels of endorsement, and the number of students not endorsed decreased.

In reading, 17.1 percent of students exceeded Michigan standards. Another 50.2 percent of students met Michigan standards but did not exceed them. 14.9 percent of the students were endorsed at the basic level in reading, and 17.9 percent not endorsed. Compared to 1998, more students were endorsed at levels 1 and 2, and fewer students were not endorsed.

In science, 7.2 percent of the students exceeded Michigan standards, while 43.8 percent met Michigan standards, but did not score high enough to be included in the exceeded category. An additional 29.3 percent were endorsed at the basic level. 19.7 percent were not endorsed in science. Compared to 1998, about the same number of students were endorsed at levels 1 and 2 (51.7% in 1998 vs. 51.0% in 1999). Fewer students were not endorsed in 1999 than in 1998.

In writing, only 14.7 percent of the students tested did not receive endorsements. 6.8 percent of the students exceed Michigan standards, 45.7 percent of the students met but did not exceed the standards, and 32.9 percent were endorsed at the basic level. Compared to 1998, somewhat fewer students were endorsed at levels 1 and 2, but fewer students were not endorsed.

Tables 2-1 through 2-4 show the percentage of public school students who earned endorsements in all three categories by ethnicity. While the results show gains for minority groups from 1998 to 1999, the percentage of ethnic minority students earning endorsements is still a concern. Educators must promote programs and practices likely to narrow the achievement gap for these students.

Tables 3-1 through 3-4 indicate the percentage of public school students who earned endorsements by gender. The gender gaps did narrow in most subjects from 1998 to 1999.

Schools now have two years of data. Trends can be analyzed after at least three years of data have been collected.

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Section 1 — Percent of Students by Performance Category, Statewide Public

Table 1-1 High School Test in Mathematics, Statewide Public

HST in Mathematics (Public)	Level 1 Endorsed — Exceeded MI Standards	Level 2 Endorsed — Met MI Standards	Level 3 Endorsed — At Basic Level	Level 4 Not Endorsed	Number Included in Summary
1998	20.7	39.8	17.2	22.3	69,969
1999	22.6	41.0	17.4	18.9	81,389

Table 1-2 High School Test in Reading, Statewide Public

HST in Reading (Public)	Level 1 Endorsed — Exceeded MI Standards	Level 2 Endorsed — Met MI Standards	Level 3 Endorsed — At Basic Level	Level 4 Not Endorsed	Number Included in Summary
1998	14.4	44.5	17.0	24.1	70,401
1999	17.1	50.2	14.9	17.9	81,717

Table 1-3 High School Test in Science, Statewide Public

HST in Science (Public)	Level 1 Endorsed — Exceeded MI Standards	Level 2 Endorsed — Met MI Standards	Level 3 Endorsed — At Basic Level	Level 4 Not Endorsed	Number Included in Summary
1998	8.4	43.3	27.7	20.6	69,437
1999	7.2	43.8	29.3	19.7	80,834

Table 1-4 High School Test in Writing, Statewide Public

HST in Writing (Public)	Level 1 Endorsed — Exceeded MI Standards	Level 2 Endorsed — Met MI Standards	Level 3 Endorsed — At Basic Level	Level 4 Not Endorsed	Number Included in Summary
1998	10.3	46.3	27.2	16.1	67,839
1999	6.8	45.7	32.9	14.7	78,478

Section 2 — Percent of Students by Ethnicity, Statewide Public

Table 2-1 High School Test in Mathematics, Ethnicity, Statewide Public

HST in Mathematics (Public)	Level 1 Endorsed — Exceeded MI Standards		Level 2 Endorsed — Met MI Standards		Level 3 Endorsed — At Basic Level		Level 4 Not Endorsed		Number Included in Summary	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
American Indian or Alaskan Native	11.0	11.0	37.8	35.5	21.5	21.9	29.8	31.6	638	620
Asian or Pacific Islander	32.8	37.3	37.4	35.8	14.5	11.7	15.2	15.2	1,128	1,169
Black, Not of Hispanic Origin	3.2	4.3	17.7	25.7	19.5	22.7	59.6	47.3	7,841	8,526
Hispanic	12.4	10.7	35.3	35.8	18.8	22.6	33.5	30.8	1,331	1,398
White, Not of Hispanic Origin	24.2	24.3	43.9	43.8	16.8	17.1	15.1	14.8	44,833	40,340
Multiracial	17.1	16.5	39.3	40.8	19.3	18.3	24.3	24.4	1,150	1,147
Other	16.7	18.3	39.8	37.4	17.9	19.6	25.6	24.7	1,542	1,475
Unspecified	20.2	23.3	39.3	42.2	17.0	17.7	23.5	16.7	11,506	19,477

Table 2-2 High School Test in Reading, Ethnicity, Statewide Public

HST in Reading (Public)	Level 1 Endorsed — Exceeded MI Standards		Level 2 Endorsed — Met MI Standards		Level 3 Endorsed — At Basic Level		Level 4 Not Endorsed		Number Included in Summary	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
American Indian or Alaskan Native	9.1	9.7	37.3	41.7	17.3	15.7	36.4	32.9	660	626
Asian or Pacific Islander	18.5	18.0	41.8	47.2	14.4	12.2	25.3	22.6	1,103	1,162
Black, Not of Hispanic Origin	4.8	5.2	28.7	33.0	19.7	20.9	46.8	40.9	8,054	8,563
Hispanic	10.1	12.0	39.0	43.5	19.0	17.9	31.9	26.7	1,335	1,378
White, Not of Hispanic Origin	16.3	18.9	47.9	52.9	16.6	14.0	19.3	14.2	45,018	40,736
Multiracial	12.5	15.1	48.1	51.8	17.2	15.5	22.3	17.6	1,154	1,156
Other	14.4	13.3	42.7	44.9	15.5	17.3	27.3	24.5	1,547	1,520
Unspecified	14.2	17.3	43.6	52.2	16.8	14.5	25.4	16.0	11,530	19,483

Table 2-3 High School Test in Science, Ethnicity, Statewide Public

HST in Science (Public)	Level 1 Endorsed — Exceeded MI Standards		Level 2 Endorsed — Met MI Standards		Level 3 Endorsed — At Basic Level		Level 4 Not Endorsed		Number Included in Summary	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
American Indian or Alaskan Native	4.9	1.8	35.1	33.2	30.4	32.0	29.5	33.0	647	612
Asian or Pacific Islander	13.0	6.5	43.1	47.6	24.2	25.0	19.6	20.9	1,106	1,166
Black, Not of Hispanic Origin	0.6	0.5	13.8	13.8	28.8	32.5	56.8	53.2	7,717	8,209
Hispanic	4.8	3.5	32.8	29.2	30.1	33.5	32.4	33.9	1,323	1,391
White, Not of Hispanic Origin	9.6	7.3	49.0	48.1	27.5	30.1	13.8	14.5	44,650	40,383
Multiracial	7.7	4.8	42.8	37.3	29.7	34.9	19.8	23.0	1,153	1,122
Other	8.0	6.4	40.3	35.3	25.5	29.4	26.3	28.8	1,542	1,498
Unspecified	9.0	6.8	42.7	45.7	28.1	29.3	20.2	18.1	11,299	19,361

Table 2-4 High School Test in Writing, Ethnicity, Statewide Public

HST in Writing (Public)	Level 1 Endorsed — Exceeded MI Standards		Level 2 Endorsed — Met MI Standards		Level 3 Endorsed — At Basic Level		Level 4 Not Endorsed		Number Included in Summary	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
American Indian or Alaskan Native	4.9	4.1	40.5	34.0	31.9	38.6	22.8	23.3	615	562
Asian or Pacific Islander	16.0	9.6	48.6	48.5	21.6	30.2	13.8	11.7	1,101	1,132
Black, Not of Hispanic Origin	2.8	1.2	28.9	26.2	34.1	42.6	34.2	30.0	7,111	7,732
Hispanic	8.6	3.1	40.8	37.5	29.4	37.6	21.3	21.8	1,247	1,293
White, Not of Hispanic Origin	11.7	6.9	49.9	48.0	26.3	32.6	12.1	12.5	43,721	39,320
Multiracial	8.7	4.8	46.0	41.3	29.0	35.9	16.4	18.0	1,081	1,082
Other	9.1	5.6	43.3	39.5	28.1	33.8	19.5	21.1	1,478	1,408
Unspecified	10.1	6.7	44.4	46.4	26.5	32.9	19.1	14.0	11,485	19,016

Section 3 — Percent of Students by Gender, Statewide Public

Table 3-1 High School Test in Mathematics, Gender, Statewide Public

HST in Mathematics (Public)	Level 1 Endorsed — Exceeded MI Standards		Level 2 Endorsed — Met MI Standards		Level 3 Endorsed — At Basic Level		Level 4 Not Endorsed		Number Included in Summary	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
Male	23.7	23.9	40.1	40.3	16.0	16.5	20.2	19.3	33,745	35,868
Female	17.8	19.0	39.5	41.3	18.4	19.4	24.2	20.3	35,606	38,008
Unspecified	21.8	10.5	36.7	34.1	15.0	18.5	26.4	37.0	618	276

Table 3-2 High School Test in Reading, Gender, Statewide Public

HST in Reading (Public)	Level 1 Endorsed — Exceeded MI Standards		Level 2 Endorsed — Met MI Standards		Level 3 Endorsed — At Basic Level		Level 4 Not Endorsed		Number Included in Summary	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
Male	11.9	14.4	41.6	48.6	17.6	15.7	28.9	21.3	33,813	36,194
Female	16.8	18.6	47.2	51.2	16.4	14.5	19.6	15.7	35,962	38,162
Unspecified	11.0	10.8	44.7	43.3	15.7	13.4	28.6	32.5	626	268

Table 3-3 High School Test in Science, Gender, Statewide Public

HST in Science (Public)	Level 1 Endorsed — Exceeded MI Standards		Level 2 Endorsed — Met MI Standards		Level 3 Endorsed — At Basic Level		Level 4 Not Endorsed		Number Included in Summary	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
Male	11.9	9.1	45.6	44.5	23.7	26.4	18.8	19.9	33,466	35,567
Female	5.1	3.5	41.1	41.1	31.6	33.8	22.2	21.6	35,550	37,873
Unspecified	6.2	5.0	38.0	33.1	28.7	27.8	27.1	34.1	421	302

Table 3-4 High School Test in Writing, Gender, Statewide Public

HST in Writing (Public)	Level 1 Endorsed — Exceeded MI Standards		Level 2 Endorsed — Met MI Standards		Level 3 Endorsed — At Basic Level		Level 4 Not Endorsed		Number Included in Summary	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
Male	6.4	3.8	40.3	36.5	31.8	38.6	21.5	21.2	32,290	34,188
Female	13.9	8.3	52.0	52.3	23.0	29.6	11.0	9.8	35,092	37,101
Unspecified	7.0	3.5	34.4	31.6	30.2	34.0	28.4	30.9	457	256